

## WHAT IS CLAIMED IS:

1. A power tool comprising:

a shell body having a first shell member and a second shell member extending  
5 outwards for a length from said first shell member;

an electric motor mounted inside said first shell member;

a tool holding mechanism powered by said electric motor and mounted on said  
first shell member for holding a tool;

a lamp assembly mounted on said first shell member and having at least two  
10 independent lamps for projecting the light on said tool held by said tool holding  
mechanism, the projection of the light being within a predetermined range around said  
tool;

a battery pack detachably connected to said second shell member for supplying  
electricity for said electric motor and said lamps;

15 a first switch for controlling said battery pack to supply electricity for said  
lamps;

a power detective circuit for detecting power storage of said battery pack, said  
power detective circuit having a detection outcome output end electrically connected  
with said lamps for displaying the power storage by number of said lamps that are  
20 illuminated; and

a second switch for controlling the display of the power storage of said battery  
pack.

2. The power tool as defined in claim 1, wherein said second shell member  
25 comprises an opening; said lamp assembly comprises a base plate and five LED lamps,

said base plate being mounted inside said second shell member to expose said lamps outside said opening of said second shell member.

3. The power tool as defined in claim 2, wherein said first and second switches  
5 are mounted on said base plate.

4. The power tool as defined in claim 3 further comprising a cover plate connected to said second shell member to seal said opening, said cover plate having at least two through holes in corresponding position respectively to said lamps, said lamps  
10 extending out of said through holes.

5. The power tool as defined in claim 4, wherein said cover plate further comprises a switch hole for said first switch running through.

15 6. The power tool as defined in claim 4, wherein said cover plate further comprises a push button contacting against said second switch.

7. The power tool as defined in claim 5 further comprising a switch protector disposed on said cover plate and fitted onto said first switch.

20